Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Monday 11 Dec 2023 until 23:59 on Tuesday 12 Dec 2023

Forecast Issued on Sunday 10 Dec 2023 at 11:48

Confidence: High for occasionally unsettled, lowering confidence in the detail of worst of the weather.

Headline for Monday 11 Dec 2023: Brighter spells and only scattered light showers by day with relatively light winds.

Mountain weather hazards on Monday 11 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain showers (night)	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
60%	40%	30%	20%	20%	10%	<05%	20%

Forecast for Monday 11 Dec 2023

Weather: Occasional rain, snow across highest peaks, during the early hours, which passes to clear spells and only scattered light showers before dawn. Mainly dry by day with only scattered light showers expected between the brighter spells. Cloud building from early evening with a band of occasionally heavy rain reaching from the west late evening.

Chance of cloud-free hill tops above 800m: By day 70%

Low cloud and visibility: Generally good, becoming moderate or poor in rain or showers, very poor in snow and within cloud with bases occasionally lowering 600m, particularly as showers push through.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 11 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	18/22 N	19/24 NW	17/20 NW	14/17 N	11/15 NW	7/8 SE	8/11 SE	15/21 SE	25/34 SE
600	13/18 N	12/16 NW	10/14 NW	8/11 NW	6/8 N	5/6 SE	8/11 SE	16/23 SE	23/33 SE
300	6/16 N	5/15 NW	3/13 NW	3/10 NW	2/8 NW	2/5 SE	4/8 SE	6/15 SE	11/27 SE
Valley	10/22 N	6/17 NW	4/13 NW	3/10 N	2/6 NE	3/6 E	4/9 E	7/15 E	10/23 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-4	0/-6	-0/-6	-0/-5	0/-4	0/-3	0/-4	2/-3	1/-6
600	3/-1	2/-2	2/-3	1/-2	2/-1	2/-0	2/-1	2/-3	2/-4
300	5/3	4/2	3/2	3/2	4/3	4/2	2/1	4/2	4/0
Valley	7/4	6/4	5/3	5/4	6/6	6/5	5/3	6/3	6/3
Freezing Level*	1300m	1100m	1000m	1100m	1100m	1000m	1000m	1100m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Severe wind chill for mid-levels.

Forecast for Tuesday 12 Dec 2023
Weather: Mainly cloudy with showers or longer periods of rain, snow above around 900m, turning heavy at times.

Maximum wind: East 20mph at dawn, easing slowly through the day

Chance of cloud-free hill tops above 800m: 30%

Low cloud and visibility: Becoming moderate or poor in rain, very poor in snow and within cloud with bases frequently down to 600m.

Temperature: **Valleys:** Minus 1 Celsius increasing 7 Celsius for the afternoon
At 800m: Plus 1 Celsius
Freezing level: 1000-1200m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 10 December 2023. Location: Helvellyn summit at 12:18. Full report: Another wet and windy day in the lakes with winds near gale force over high ground. Milder temperatures over the last few days has stripped away much of the snow that arrived in the first half of last week. The highest fells still hold areas of snow, generally above 700m, and predominantly on north-facing slopes, in sheltered areas where it built up into sizable drifts. These drifts have now diminished considerably but still form a patchwork of snow that is generally easy to avoid with careful route choice. Exposed routes such as Swirral and Striding Edge require care and are a mixture of wet rock and soft snow. Microspikes are advisable, and crampons and ice axe should be carried on these and similar steep and exposed routes in case the wet snow re-freezes. It should be noted that the temperature on the top of Helvellyn today was around freezing point and snow was falling above 800m and beginning to settle. Therefore, anyone heading out tomorrow should anticipate more snow and ice than described here. Full winter clothing (waterproofs, extra warm layers, hat and gloves), and equipment including a map, compass, and a headtorch are all essential. Goggles are also recommended for navigating and route finding in challenging conditions. Temperature: plus 0.0 C, Maximum wind speed 47.3 mph, Wind chill: minus 10.7 C, Average wind speed: 35.6 mph

Issued at: 1148 on Sun 10 Dec 2023

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